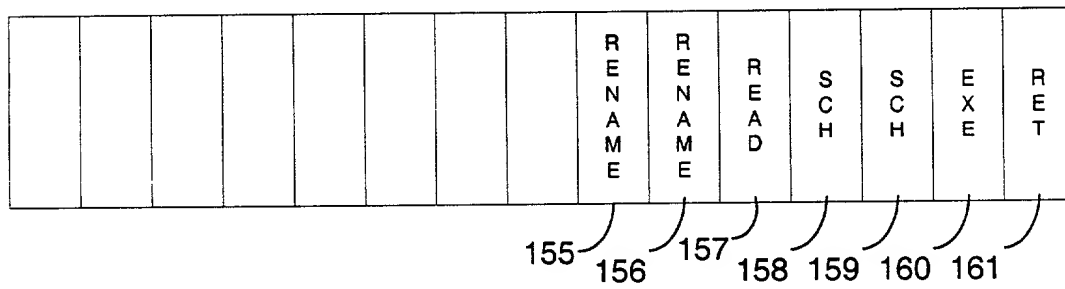
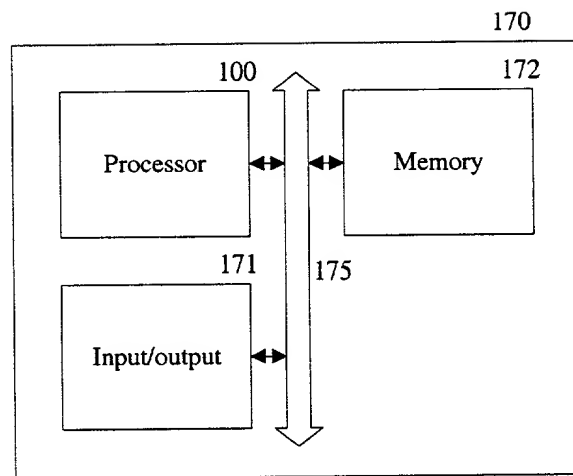


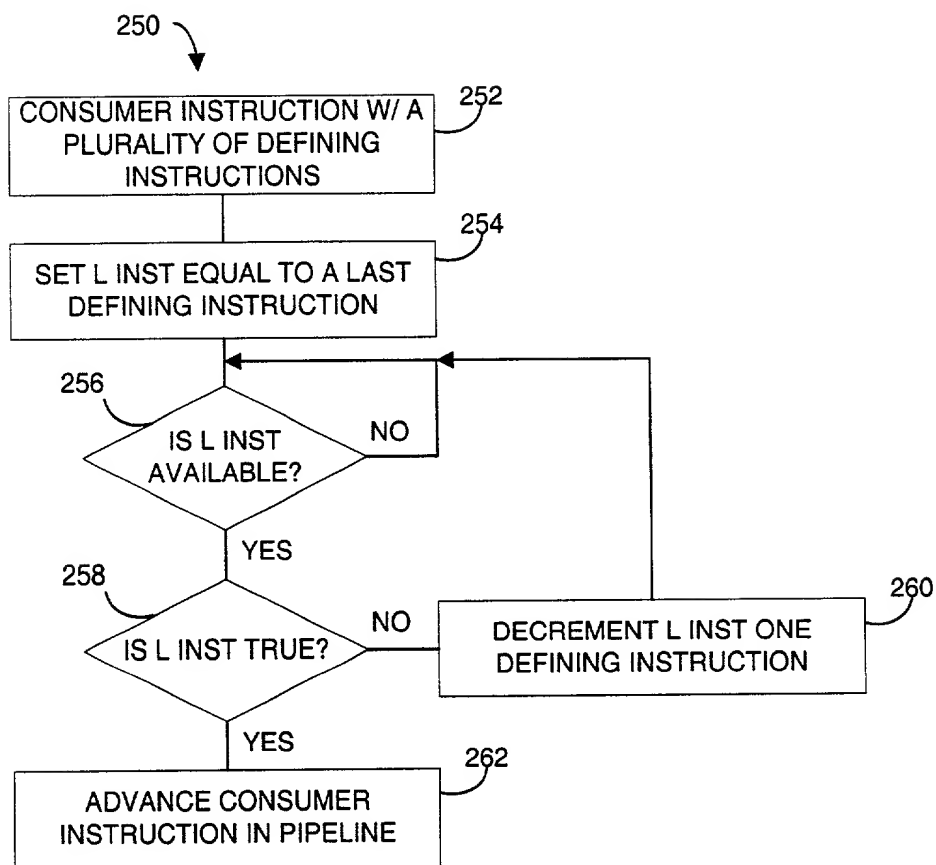
**Fig. 1**



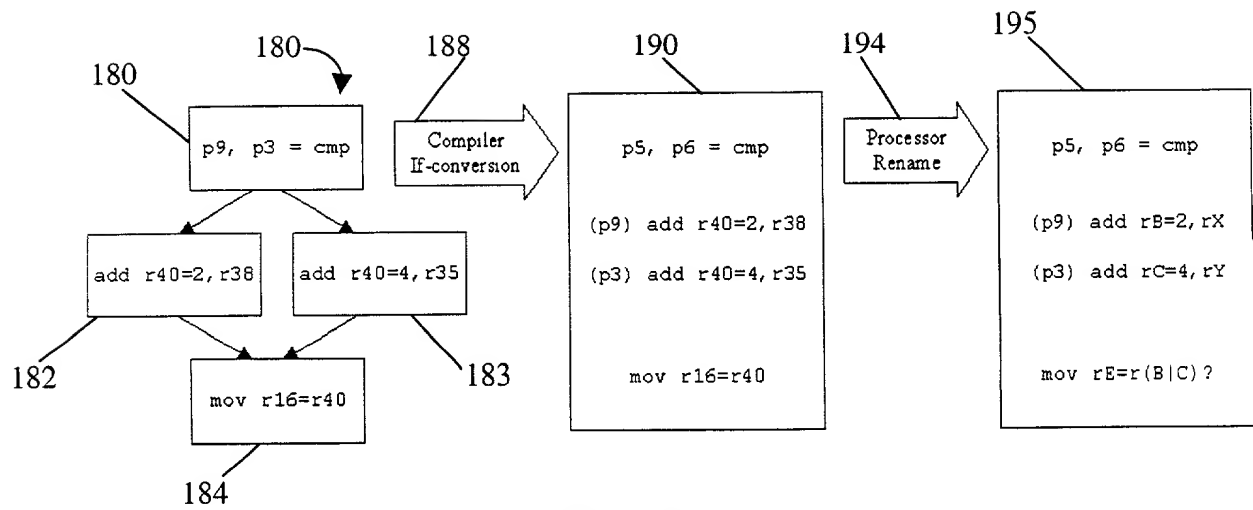
**Fig. 1A**



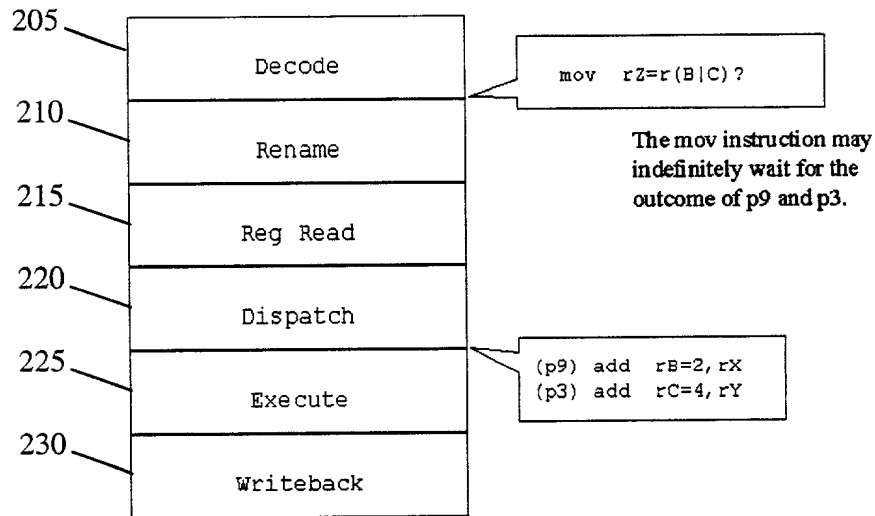
**FIG. 1B**



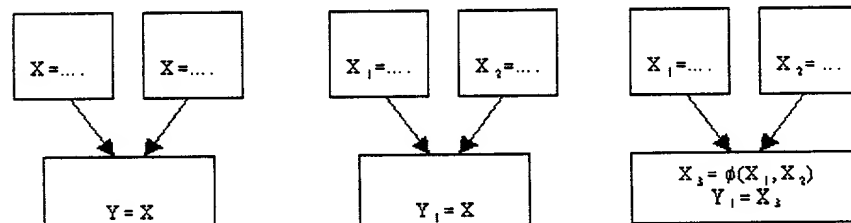
**Fig. 2A**



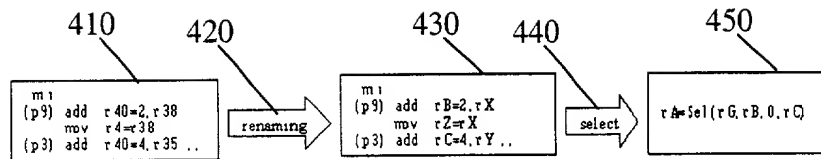
**Fig. 1C**



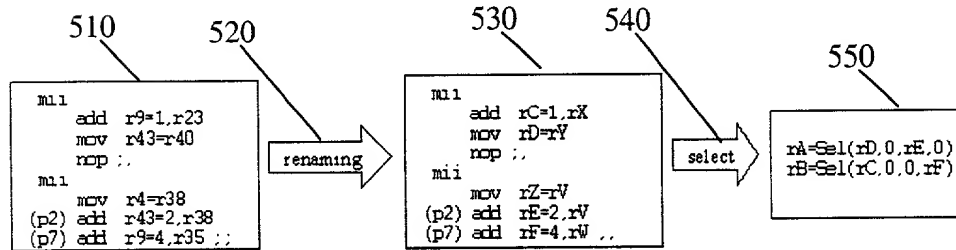
**Fig. 2**



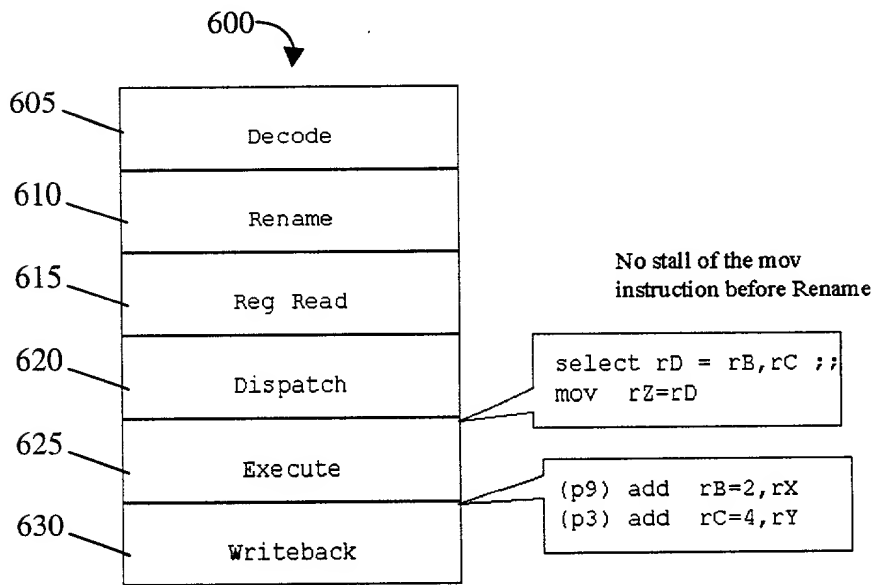
**Fig. 3**



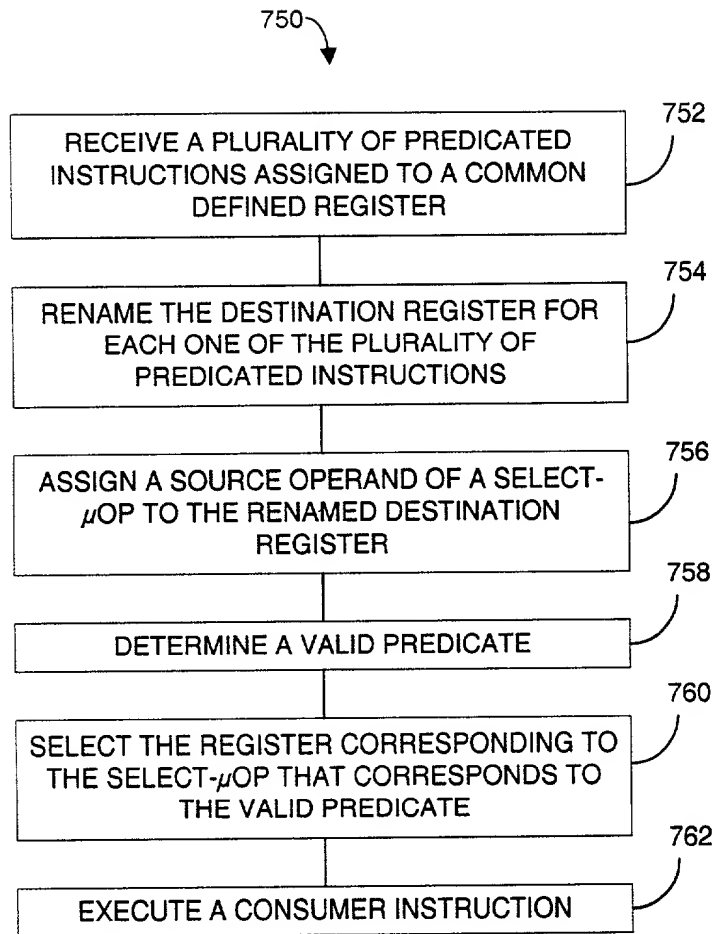
**Fig. 4**



**Fig. 5**



**Fig. 6**



**FIG. 7A**

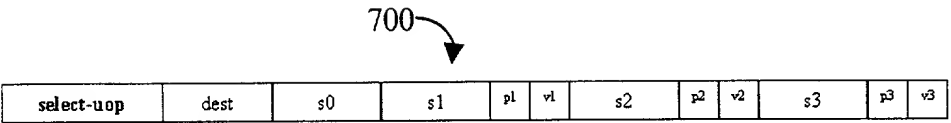


Fig. 7

		Slot 0			Slot 1		Slot 2		Slot 3	
		valid	phys reg	predicate	phys reg	predicate	phys reg	predicate	phys reg	predicate
index	0	1	r4	p1	r8	p9				
	1	1	r11	p0						
	2	0								
	3	1	r6	p9	r14	p4	r21	p0	r17	p2
	4	1	r24	p2						
	..									
n	..									
	n	1	r7	p12	r15	p3				

Fig. 8

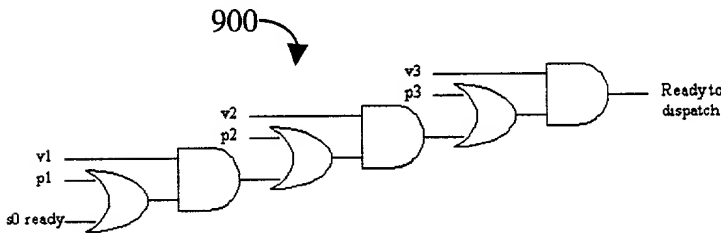
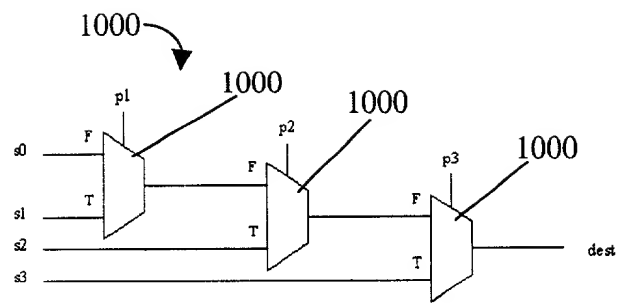


Fig. 9



**Fig. 10**



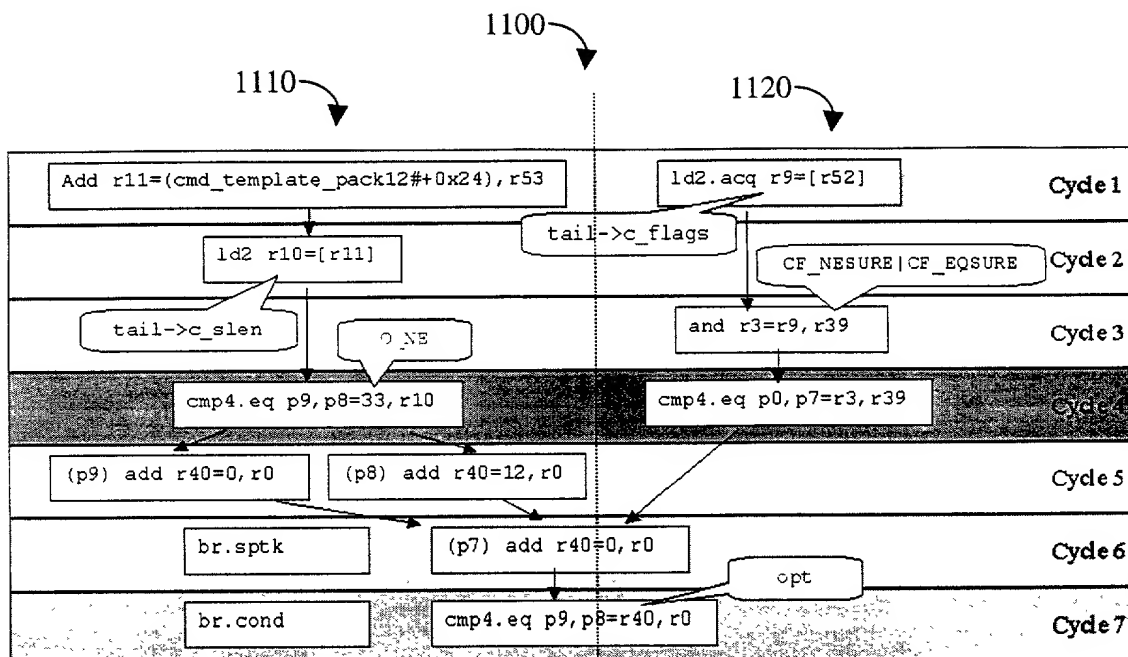


Fig. 11

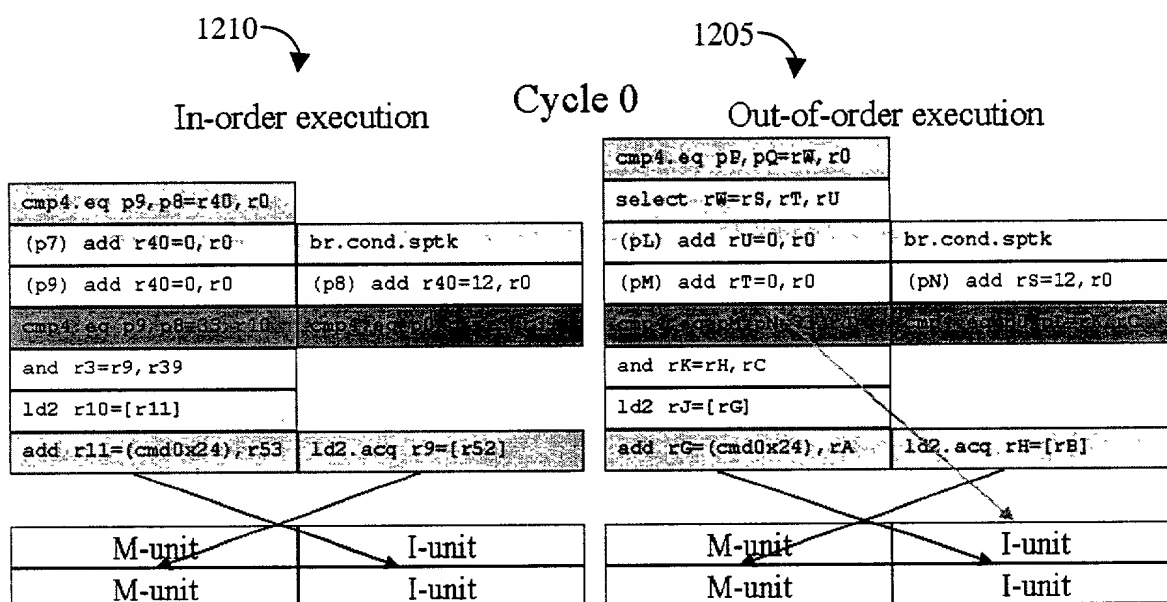


Fig. 12A

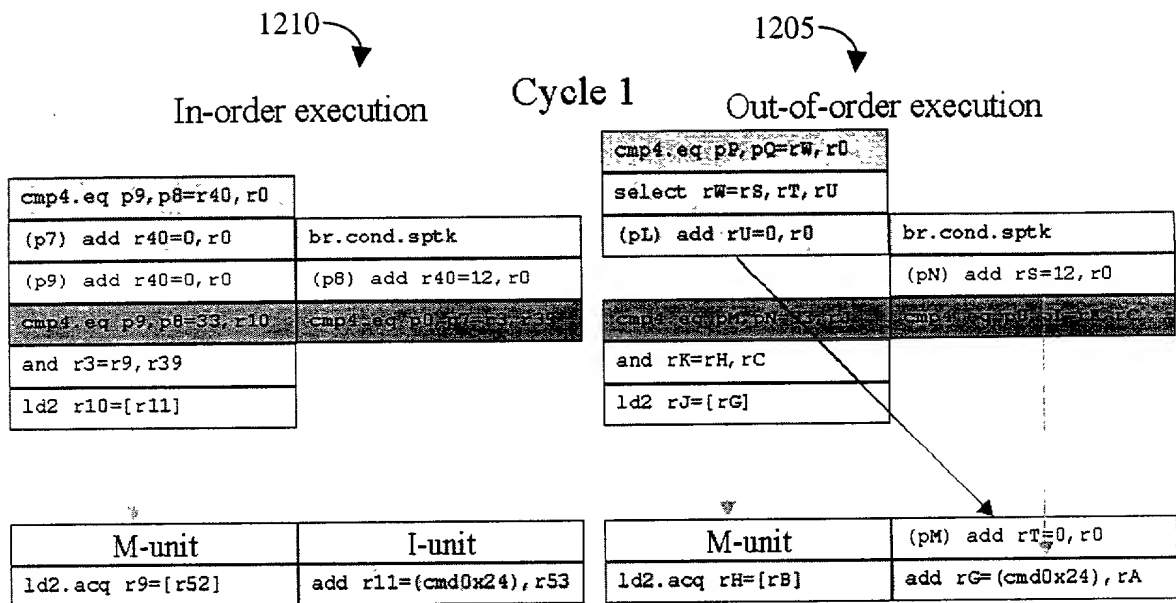


Fig. 12B

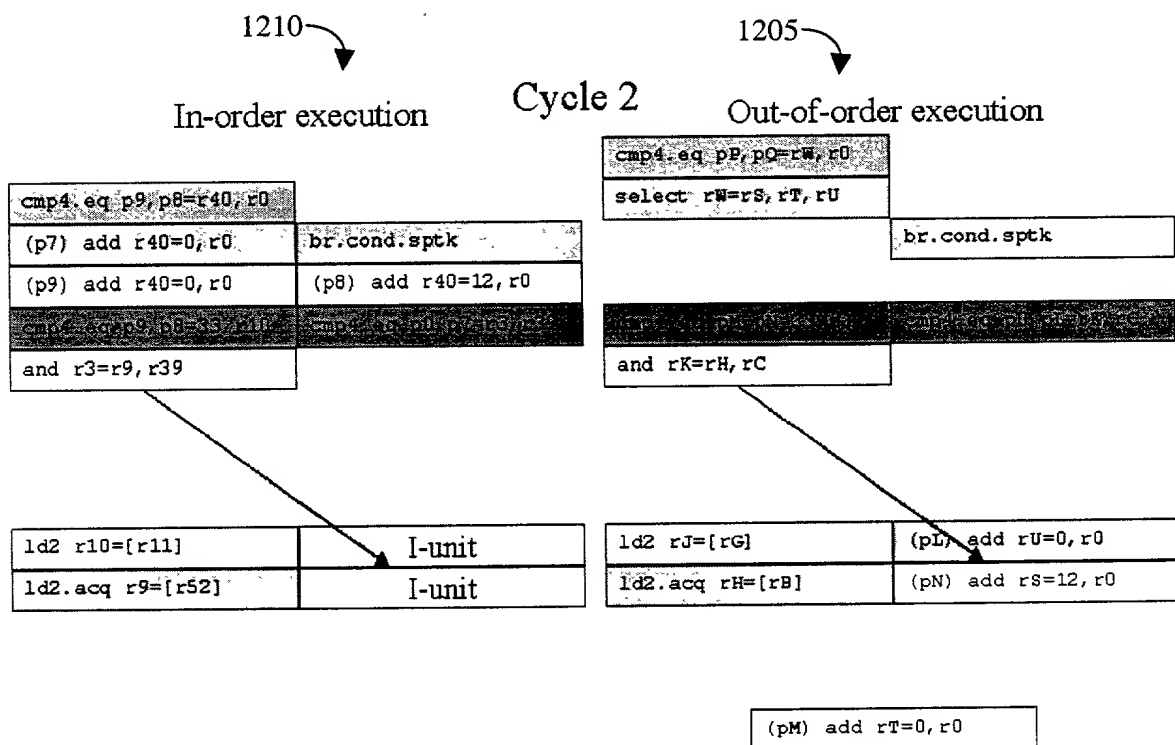


Fig. 12C

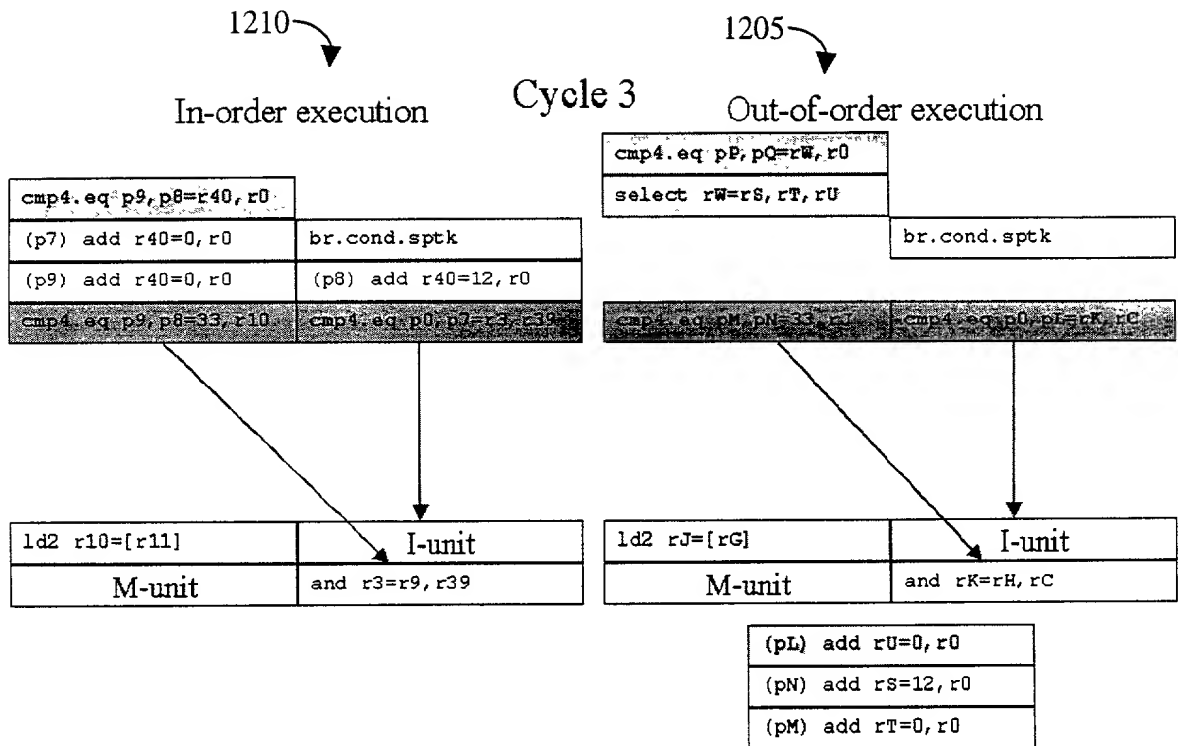


Fig. 12D

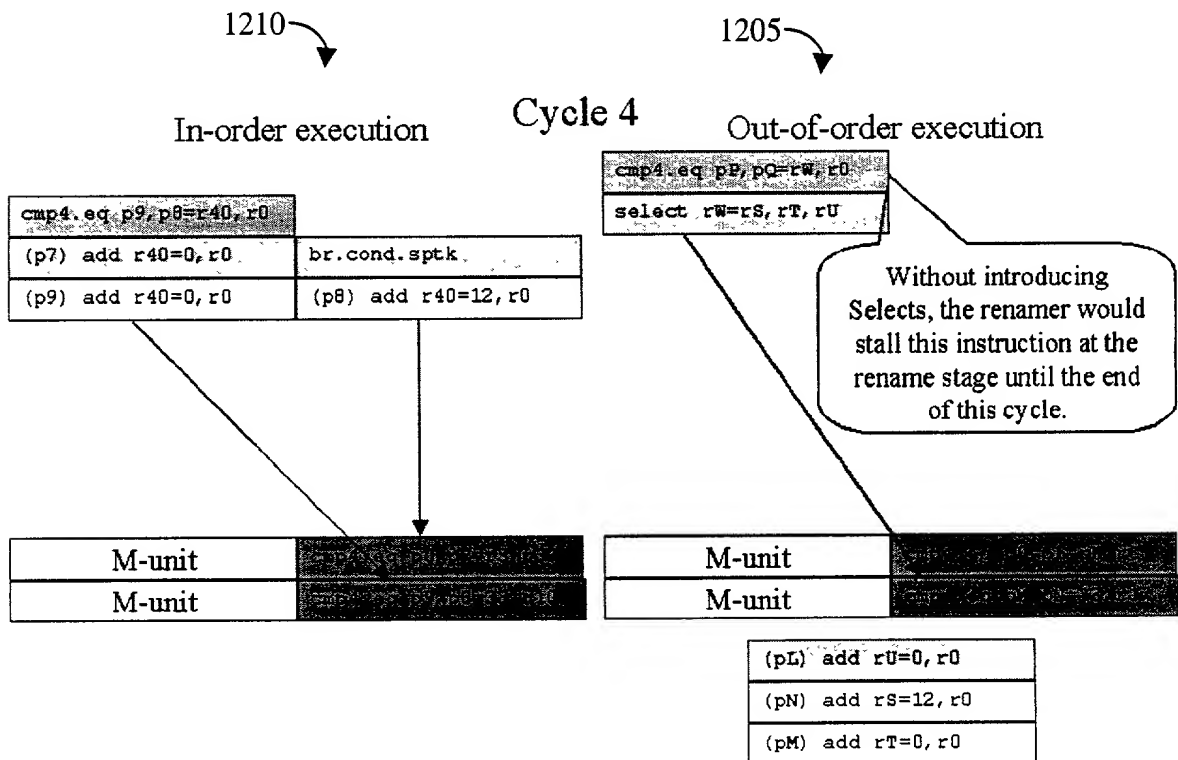
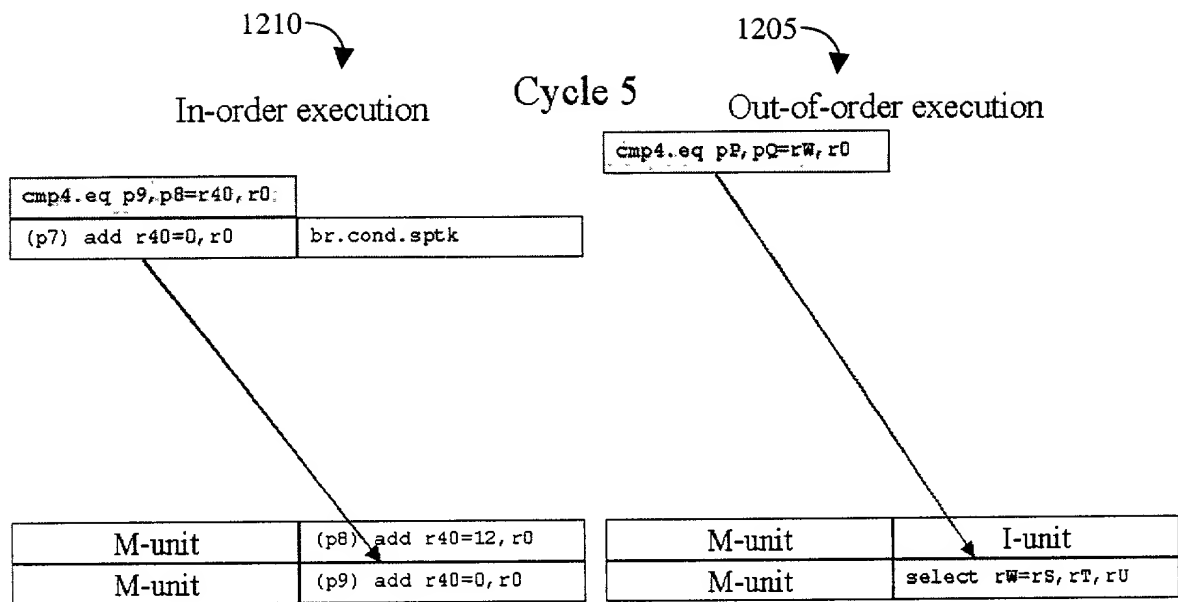
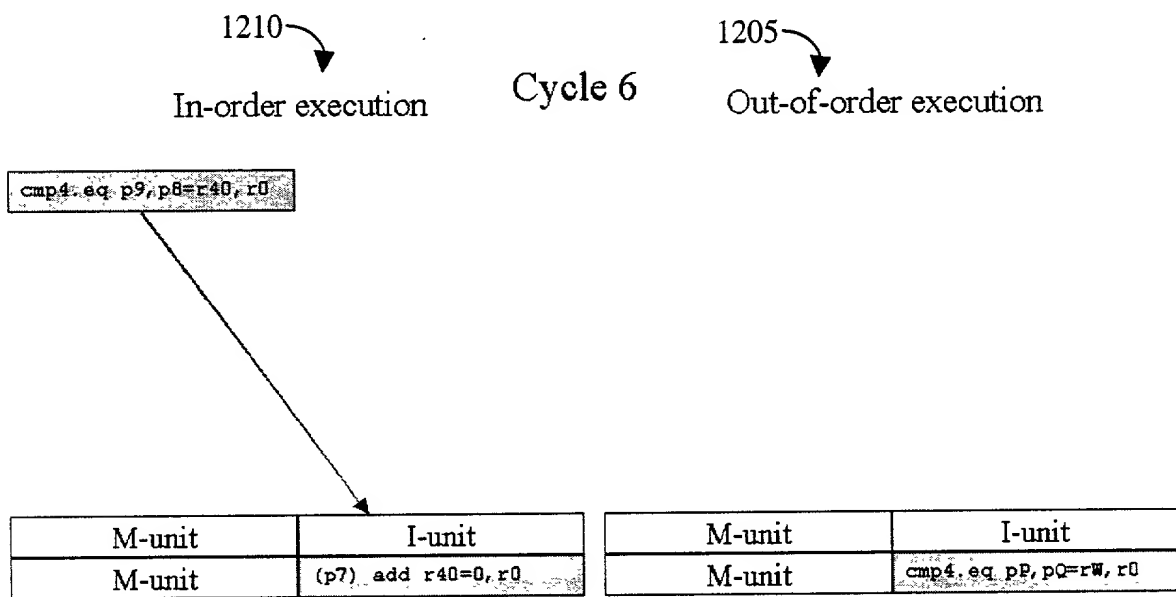


Fig. 12E



**Fig. 12F**



**Fig. 12G**